



PTO/SB/08a/b (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/684332	
			Filing Date	October 10, 2003	
			First Named Inventor	Raanan A. Miller	
			Art Unit	1744	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	SION-P01-030

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (# known)			
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	A2	3,511,986	05/12/70	Llewellyn	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ² -Number ³ -Kind Code ⁴ (# known)			
DA	B1	WO 96/19822	06/27/1996	The Secretary of State for Defence	
	B2	WO 00/08454	02/17/2000	National Research Council Canada	
	B3	WO 00/08455	02/17/2000	National Research Council Canada	
	B4	WO 00/08456	02/18/2000	National Research Council Canada	

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Substitute for form 1449A/B/PTO			Complete if Known		
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B5	WO 00/08457	02/19/2000	National Research Council Canada
B6	SU 966583	10/15/1982	Gorshkov, M.P.
B7	SU 1337934A2	09/15/1987	Buryakov, I.
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
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>mm</i>	C1	"A Micromachined Field Driven Radio Frequency-Ion Mobility Spectrometer for Trace Level Chemical Detection," A Draper Laboratory Proposal Against the "Advanced Cross-Enterprise Technology Development for NASA Missions," Solicitation, NASA NRA 99-OSS-05.	
	C2	BARNETT, D.A. et al., "Isotope Separation Using High-Field Asymmetric Waveform Ion Mobility Spectrometry," Nuclear Instruments & Methods in Physics Research (2000), pp 179-185, 450(1).	
	C3	BURYAKOV, I.A. et al., "Separation Ions According to Mobility in a Strong ac electric Field," Sov. Tech. Phys. Lett. (1991), pp 446-447, 17(6).	
	C4	BURYAKOV, I.A. et al., Device and Method For Gas Electrophoresis, Chemical Analysis of Environment, edit. Prof. V.V. Malakhov, Novosibirsk; Nauka (1991), pp 113-127.	
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	C6	CARNAHAN, B. et al., "Field Ion Spectrometry - A New Analytical Technology for Trace Gas Analysis," ISA, (1996), pp 87-96, 51(1).	
	C7	CARNAHAN, B. et al., "Field Ion Spectrometry - A New Technology for Cocaine and Heroin Detection," SPIE, (1997), pp 106-119, 2937.	
<i>1</i>	C8	EICEMAN, G.A., et al., "Miniature radio-frequency mobility analyzer as a gas chromatographic detector for oxygen-containing volatile organic compounds, pheromones, and other insect attractants," J. Chromatography, (2001), pp 205-217, 917.	
<i>100</i>	C9	GUEVREMONT, R. and PURVES, R., "High Field Asymmetric Waveform Ion Mobility	

Examiner Signature	<i>[Signature]</i>	Date Considered	12/17/04
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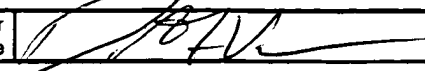
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	C10	GUEVREMONT, R. et al., "Calculation of Ion Mobilities From Electrospray Ionization High Field Asymmetric Waveform Ion Mobility Spectrometry Mass Spectrometry," Journal of Chemical Physics, (2001), pp 10270-10277, 114(23).	
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	C20	RIEGNER, D.E. et al., "Qualitative Evaluation of Field Ion Spectrometry for Chemical Warfare Agent Detection," Proceedings of the ASMS Conference on Mass Spectrometry and Allied Topics (June, 1997), pp 473A-473B.	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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